



MEMORANDUM
Harvey Ruvlin
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INLUC
Agenda Item No. 6 (B)

TO: Honorable Chairwoman
Natacha Seijas and Members of the
Infrastructure and Land Use Committee

DATE: **March 14, 2006**

FROM: Kay M. Sullivan, Director
Clerk of the Board

SUBJECT: Approval of Commission
Committee Minutes

Kay M. Sullivan

The following Clerk's Summary of Minutes is submitted for approval by the Committee:

➤ February 3, 2006

KS:as
Attachment



CLERK'S SUMMARY OF Meeting Minutes

Stephen P. Clark
Government Center
111 N.W. 1st Street
Miami, FL 33128

Infrastructure and Land Use Committee

Natacha Seijas (13) Chair; Jose "Pepe" Diaz (12) Vice Chair; Commissioners Audrey M. Edmonson (3), Carlos A. Gimenez (7), Barbara J. Jordan (1), and Dorrin D. Rolle (2)

SPECIAL MEETING

Friday, February 3, 2006

4:00 PM

COMMISSION CHAMBERS

Members Present: Jose "Pepe" Diaz, Audrey M. Edmonson, Carlos A. Gimenez, Barbara J. Jordan, Natacha Seijas.

Members Absent: Dorrin D. Rolle.

Members Late: None.

Members Excused: None.

1A **INVOCATION**

1B **PLEDGE OF ALLEGIANCE**

1C **ROLL CALL**

Report: *The following staff support was present: County Manager George Burgess; Assistant County Manager Joseph Ruiz; Assistant County Attorney Joni Armstrong-Coffey; and Deputy Clerk Alicia Stephenson.*

1D **CHAIRPERSON**

1D1

060324 Report

REMARKS FROM CHAIRPERSON SEIJAS

Presented

Report: *Chairwoman Seijas noted that this Committee would be allocating more time to addressing improvements to the building permit process. She noted that this Committee would engage the South Florida Water Management District (SFWMD) to secure a long-term water consumptive use permit.*

Chairwoman Seijas commented on the resolution adopted by the Board of County Commissioners (BCC) at its September 2005 meeting, which directed the County Manager to prepare a water conservation plan and the suggestion she had made at the November 21, 2005, Comprehensive Development Master Plan (CDMP) meeting to have applicants identify alternative water supplies in their applications. She noted that R-1382-05 was adopted at the Board meeting of December 6 2005, to direct the Water and Sewer Department (WASD) to prepare a wastewater reuse plan and encourage water reuse in Miami-Dade County to meet the water supply needs of the County.

Chairwoman Seijas asked WASD Director John Renfrow to speak with the Florida Department of Environmental Protection (FDEP) and the SFWMD about the status of the negotiations with FDEP.

Chairwoman Seijas noted that the County Attorney's Office needed to brief the Board on the following issues:

- whether the current water use permit was sufficient to address the needs of the projects under construction;*
- whether the current water supply would be sufficient to accommodate projected population growth; and*
- whether the Department of Planning and Zoning was prepared to defend its CDMP recommendations. She also noted that the County had water supply problems, and that residents should not fear water shortage, but that water would likely be much more expensive in the future.*

1E DISCUSSION ITEM

1E1

060325 Report

REVIEW OF WASD'S CONSUMPTIVE USE PERMIT
NEGOTIATIONS WITH THE SOUTH FLORIDA WATER
MANAGEMENT DISTRICT

Presented

Report: *In response to Chairwoman Seijas' comments, Water and Sewer Department (WASD) Director John Renfrow responded that he had met with the Secretary of the Florida Department of Environmental Protection (FDEP) and the Director of the South Florida Water Management District (SFWMD), who concurred that a reuse study and implementation of alternative water supply options was necessary. He noted that WASD began negotiations for the water use permit after submitting the 20-year water use permit application for the Hialeah-Preston water treatment plant in February, 2004. He advised it had been decided on January 21, 2006, at a meeting between WASD staff, Secretary of FDEP, and the SFWMD Director that the County would apply for and receive a one to two year permit; and implementation of the reuse study water supply alternatives would be initiated pending good faith efforts by WASD on its agreements with SFWMD and FDEP. He stated that WASD had contracted the consulting and engineering services of Environment and Ecology, Inc., and Milian, Swain, & Associates, Inc.*

Mr. Renfrow introduced Mr. Arsenio Milian, president of Milian, Swain, & Associates, Inc., whom he noted would present the feasibility of water supply alternatives.

Mr. Milian provided a report on projections for water demands, the 20-year water use permits for the Alexander Orr, Hialeah and South Dade wellfields, and minimum water levels for Everglades National Park.

Discussion ensued regarding the establishment of minimum flows and levels for Biscayne Bay, current water consumption per day in Miami-Dade County, the recharge of canals to prevent salt intrusion, wastewater reuse options, cost increases anticipated for alternative water supply options, and regulatory constraints to alternative water supply options.

Mr. Milian noted that WASD in conjunction with the consultants had been developing a plan to

identify alternative water supply options, regulatory constraints, cost estimates, and the achievement of 25%, 50% and 75% wastewater reuse, in response to a directive given by SFWMD.

Mr. Milian noted that a workshop would be held on February 10, 2006, to seek input from regulatory agencies and the public. He noted that WASD and the consultants would perform an analysis of the options upon the conclusion of the input phase to produce associated costs and be able to analyze the impact on changes to wastewater treatment plants. He noted that he would provide a final wastewater reuse analysis to this Committee in April 2006, but it would not include all cost details.

Discussion ensued regarding investment in infrastructure for water supply in the dry season, the amount of water increase and loss from aquifer storage and recovery facilities, alternative water supply options, water quality issues and the amount of gallons of water flowing into and out of Everglades National Park.

In response to Chairwoman Seijas, who asked if it was technically feasible for Mr. Milian to present the final wastewater reuse analysis to this Committee before April, Mr. Milian noted that the following week, he would look at the possibility of doing so.

Commissioner Sorenson suggested water conservation measures be implemented in Miami-Dade County immediately and before a water conservation plan was presented to this Committee in March 2006.

Mr. Renfrow noted that the water conservation plan would be presented to the BCC immediately after this Committee's review in March 2006.

Mr. Milian noted that a master plan for wastewater reuse and a master plan for alternative water supply were advertised by Miami-Dade County, and responded to questions from Commissioner Sorenson regarding the contents of the final wastewater reuse analysis.

Mr. Jorge Rodriguez, Senior Professional Engineer, Water and Sewer Department and Mr. Jim Bolleter, Ecology and Environment, Inc., responded to concerns of the Committee.

Chairwoman Seijas asked Mr. Milian to report to

this Committee regarding the success of a reverse osmosis plant in Tampa, Florida.

Chairman Martinez asked the County Manager to distribute to all commissioners by the end of the workday a copy of the draft memorandum from the County Manager regarding Resolution No. R-1271-05, which provided for a long-range water conservation plan.

Following discussion regarding water conservation measures taken by the County and two ordinances being developed to address water conservation, Chairman Martinez asked the Manager to submit the final water conservation plan for Committee review on March 14, 2006.

Commissioner Jordan asked that she be provided with copies of any correspondence between FDEP, the SFWMD and the County involving WASD's Consumptive Use Permit negotiations with SFWMD.

Commissioner Gimenez asked Assistant County Attorney Joni Armstrong-Coffey to investigate the feasibility of mandating low-flow appliances.

Following an explanation of the SFWMD grant cycle, by Ms. Audrey Ordenes, SFWMD Senior Intergovernmental Representative, Miami, Commissioner Gimenez asked WASD Director Renfrow and Mr. Milian to expedite completion of Milian, Swain, & Associates' final wastewater reuse analysis and the County Manager's long-range water conservation plan in order to give the BCC an opportunity to establish water supply alternatives and apply for grants from SFWMD before July 2006.

Commissioner Sorenson asked the County Manager to provide each commissioner with a detailed chronological report with a timeline of actions or inactions that prompted the negotiations regarding the consumptive use permit.

Commissioner Edmonson asked that this report include corrective measures to prevent future problems.

Chairwoman Seijas asked Mr. Milian to inform the County Manager if it was technically feasible to provide the final wastewater reuse analysis and of the cost of providing the analysis before April 2006.

*Hearing no other questions or comments, the
Committee accepted the foregoing report.*

2 ADJOURNMENT

Report: *Hearing no other discussion, the Committee
adjourned this meeting at 5:28 p.m.*